

Amendments to the claims:

This listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of claims:

Claims 1 and 2 (cancelled).

3 (currently amended): A rotating cutter head for working the surface of elastomers which comprises

- a disk having a diameter of 200-800 mm and a radial periphery, characterized in that said disk effects cutting speeds at said periphery of 10-100 meters/second, while rotating at up to 3000 rpm, and
- indexable inserts or annular cutting tools provided on said radial periphery and attacking in the radial direction, characterized in that the number of said indexable inserts or annular cutting tools on the periphery of said disk is 10-30, the indexable inserts or annular cutting tools comprise a cutting edge that is arranged spaced radially outwards with respect to the periphery of the disk, and the indexable inserts or annular cutting tools are connected to the disk by screws pointing radially to counteract centrifugal force on the indexable inserts or annular cutting tools caused by rotation of the disk.

4 (previously presented): The rotating cutter head according to claim 3, characterized in that said disk provides cutting speeds of 20-60 m/s.

5 (previously presented): A method of using a rotating cutter head for working the surface of elastomers, the cutter head comprising

- a disk having a diameter of 200-800 mm and a radial periphery, characterized in that said disk effects cutting speeds at said periphery of 10-100 meters/second, while rotating at up to 3000 rpm, and
- indexable inserts or annular cutting tools provided on said radial periphery and attacking in the radial direction, characterized in that the number of said indexable inserts or annular cutting tools on the periphery of said disk is 10-30,

said method comprising the step of:

- applying the rotating cutter head to the elastomer surface while
- rotating the cutter head at a periphery speed of 10 to 100 meters/second and at up to 3000 rpm.

6 (previously presented): The method of claim 5 characterized in that the periphery cutting speed is 20 to 60 meters/second.

- 7 (previously presented): The method of claim 5 wherein the elastomer is the surface of a roller.
- 8 (previously presented): The method of claim 5 wherein the elastomer has a shore hardness in the range from 10 Shore A to 100 Shore D.
- 9 (new): In a motor spindle comprising a spindle and cutter head for working the surface of an elastomer on a rotationally symmetrical body, the improvement wherein the cutter head is the rotating cutter head according to claim 3 .